

ABSTRACT OF THE DISCLOSURE

A light source drive which modulates a light source so as to cause the same to emit a light, includes: a superposition current generation part which  
5 generates a superposition current approximately corresponding to a charging/discharging current needed for a capacitance occurring in parallel to the light source for a predetermined time period near at least one of a rising-up part and a decaying-down part of a  
10 waveform of a drive current for the light source; and an addition/subtraction part which adds to or subtracts from the drive current the superposition current generated by the superposition current generation part.